

GRCRS Package Cover Sheet

Site Name Peterson, Bill & Audrey, RR Lot 19

Site Address 105 E. Maple St., Stanley, WI

BRRTS # 03-09-118873 Date of Closure Decision 11/30/99

☒ Closure letter(s)

☒ Groundwater Use Restriction/~~Warranty Deed~~ O&M Plan

Yes/☒ No Off-site contamination present? (Include related documents)

Yes/☒ No Right-of-way contamination present? (Include related documents)

☒ General location map

446074 WTM- GPS x-coordinate

498840 GPS y-coordinate

☒ Detailed site map(s)

☒ Groundwater flow map(s)

☒ Latest map(s) showing extent or outline of plume

☒ Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)

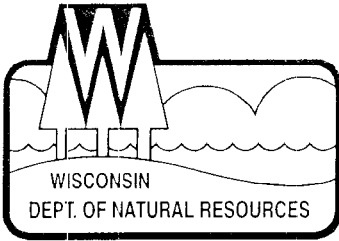
If available:

 Legal description

22905-2534-(0605-0000) County and Parcel I.D./Tax Parcel No.

☒ Geologic cross sections

☒ Isoconcentrations map(s)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Scott A. Humrickhouse, Regional Director

Baldwin Service Center
990 Hillcrest Street
Suite 104
Baldwin, Wisconsin 54002
Telephone 715-684-2914
FAX 715-684-5940

July 29, 2002

Mr. Bill Peterson
Stanley Oil Co.
105 East Maple Street
Stanley, WI 54768

**Subject: Final Case Closure with Conditions Met
Former Mobil Oil Site (Lot 19), Stanley, Wisconsin
WDNR BRRTS # 03-09-118873**

Dear Mr. Peterson:

On November 30, 1999, your site as described above was reviewed for closure by the Department of Natural Resources. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On January 4, 2000, you were notified that conditional closure was granted to this case.

On June 11, 2002, the Department received correspondence indicating that you have complied with the conditions of closure. The Department received copies of the recorded Groundwater Use and Deed Restriction. Based on the correspondence and data provided, it appears that your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

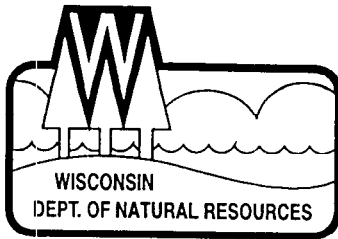
Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715 684-2914, ext.117.

Sincerely

Patrick J. Collins
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Trevor Wilson – Ayres



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

January 4, 2000

Chippewa County

Site ID# 03-09-118873

Mr. Bill Peterson
Stanley Oil Company
105 East Maple Street
Stanley, WI 54768

SUBJECT: Conditional Site Closure For the Former Mobil Oil Company Site (Railroad Lot 19)

Dear Mr. Peterson:

On January 7, 1997, the Department of Natural Resources provided a notice that the degree and extent of petroleum contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation have been accomplished. Therefore, the site was reviewed by the West Central Region Closeout Committee on November 30, 1999, for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wisconsin Administrative Code.

The Regional Closeout Committee has determined that the requirements in NR 726.05(2)(b), Wisconsin Administrative Code, have been satisfied provided the following conditional closure requirements are satisfied:

1. A groundwater use restriction which meets the requirements of NR 726.05(8)(am), Wisconsin Administrative Code, is recorded on this property deed due to the enforcement standard exceedance at MW-9. A copy of a model groundwater use restriction is enclosed. A draft of your deed restriction along with a copy of the property deed must be submitted for review.
2. Based on the remedial documentation provided to the Department it appears that residual subsurface contamination may pose a direct contact risk at this site according to Table I, Comm 46.06, Wisconsin Administrative Code. This contamination was identified at post-excavation sample locations MBC-2, MBC-8 and MBC-11B. Consequently, a restriction must be added to the groundwater use restriction indicating the location of this near-surface contamination and the need to maintain an impervious surface over that contamination as a performance standard. NR 714.07(5), Wisconsin Administrative Code, requires the publication of a **Public Notice** when a performance standard is used to justify site closure. This notice must be a Class I notice under ch. 985, State Statutes. This notice must be published in the Cadott Sentinel and shall contain all of the following information:

- Name of responsible party
- Mailing address and phone number of responsible party
- Name and address of site
- Summary of proposed performance standard

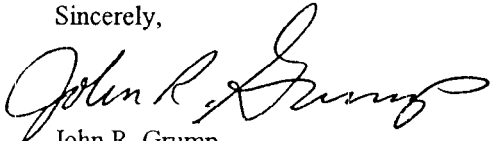
The Department must receive a copy of the published notice.

3. A written maintenance plan must be submitted to the Department that outlines how the impervious surface, being used as a performance standard, will be inspected and maintained.
4. A copy of the monitoring well abandonment forms must also be submitted to the Department.



If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Grump".

John R. Grump
Hydrogeologist
Enclosure

c: Bill Evans
Christopher Goodwin, Ayres

DOCUMENT# 641153

Recorded
MAY 13, 2002 AT 11:00AM

Signed: Marge L. Givins

MARGE L. GEISSLER
REGISTER OF DEEDS
CHIPPewa COUNTY, WI

Fee Amount: \$13.00



Name and Return Address

THOIKOS STARR

22905-2534-(0605-0000)
Parcel Identification Number (PIN)

[illegible]

WHEREAS, one or more gasoline discharges have occurred at this property. Gasoline contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards exists on this property at the following location(s): In the proximity of former monitoring wells MW-10 and MW-9 (concentrations of benzene at 44 and 28 micrograms per liter [ug/L] were indicated on July 20, 1999). Soil contamination exists at the following locations: In soil collected from the soil excavation bottom and sidewall samples MBC-2, 4, 9, 10, 11B, 14 and 15 gasoline range organics (GRO) was found to range in concentrations from 120 to 2,000 milligrams per kilogram (mg/kg) and diesel range organics (DRO) was found to range in concentrations from 160 to 5,200 milligrams per kilogram (mg/kg) on September 15 and 16, 1998. Other petroleum constituents including benzene found in MBC-2,4,5,8,9,11B,12B,14 and 15 ranging from 0.037 to 12 mg/kg was also encountered on September 15 and 16, 1998. Excavation samples MBC-2,8 and 11b pose a direct contact risk and must maintain an impervious surface over this area to maintain a performance standard. The monitoring wells and soil sample locations are depicted on the attached Figure 1, which is hereby made a part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what

specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

The following activities are prohibited on that portion of the property described above where the cap or cover has been placed as shown on Figure 1, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or cover. In addition, the cap or cover shall be maintained in compliance with a plan prepared and submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1997)

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use and deed restriction, or portions of this groundwater use and deed restriction are no longer binding.

By signing this document, William Peterson or Audrey Peterson acknowledges that he/she is duly authorized to sign this document on behalf of Stanley Oil Company

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 9th day of May, 2002.

By signing this document, William Peterson or Audrey Peterson acknowledges that [he/she] is duly authorized to sign this document on behalf of Stanley Oil Company

Signature: William H. Peterson

Printed Name: William H. Peterson

Title: _____

Subscribed and sworn to before me
this 9th day of May, 2002.
Jodi L. Schemenaur
Notary Public, State of Wisconsin - Jodi L. Schemenaur
My commission expires: 4-13-2003

This document was drafted by Ayres Associates based on information provided by the Wisconsin Department of Natural Resources.

Engineered Cap Maintenance Plan

**Railroad Lot 19
Stanley, Wisconsin
BRRTS No. 03-09-118873**

Prepared for:

**Stanley Oil Company
Railroad Lot 19**

October 2000

Contents

	<u>Page No.</u>
Purpose	1
Site Contact Information.....	1
Current Conditions	1
Annual Inspection.....	1
Contingency Plan	2
Property Improvements	2
Reporting	2
Schedule	2

List of Appendices

- Appendix A Annual Inspection Forms
- Appendix B Wisconsin Administrative Code NR 724.13(b)
- Appendix C Annual Inspection Forms

List of Figures

	<u>Page No.</u>
Figure 1 Site Plan.....	3

Purpose

On November 30, 1999, the Wisconsin Department of Natural Resources (WDNR) granted the former Mobil station site (Railroad Lot 19) in Stanley, Wisconsin, conditional closure. A copy of this letter is in Appendix A. Under NR 726.05(2)(b), one of the conditions of the closure is that an impervious surface be maintained over soil sample locations MBC-2, MBC-8, and MBC-11B. Figure 1 is a site map showing the sample locations.

Site Contact Information

Responsible Party
Stanley Oil Company
Mr. Paul Peterson
105 E. Maple Street
Stanley, WI 54768

Site Location
Former Mobil Station (Lot 19)
SE ¼ of the SW ¼, Section 25, Township 29 North, Range 5 West
105 E. Maple Street
Chippewa County
Stanley, WI 54768

Consultant
Ayres Associates
3433 Oakwood Hills Parkway
P.O. Box 1590
Eau Claire, WI 54702-1590
(715) 834-3161
Trevor A. Wilson, Hydrogeologist
Dennis Johnson, P.E., Project Manager

Regulatory Contact
Wisconsin Department of Natural Resources
Mr. Patrick Collins
990 Hillcrest, Suite 104
Baldwin, WI 54002

Current Conditions

Concrete and asphalt currently cover the sample locations. A canopy, along with concrete and asphalt, covers the southern end of the area. The surface is new with no potholes or cracks.

Annual Inspection

The impervious cap should be inspected on an annual basis for potholes, cracks, or any other problem that would allow ground water to seep into the soil or would expose the soil to human contact. A photograph of the cap should also be taken at the time of inspection. In accordance with NR 724.13(b), annual inspections will take place for at least the next 30 years. A copy of this code is in Appendix B. Forms to fill out at the time of inspection are in Appendix C.

Contingency Plan

If problems are found with the cap during annual inspection, it is the responsibility of the owner, at the time of the inspection, to repair the cap to its original state. If the ownership of the property changes within the next 30 years, it is the responsibility of the present owner to either inform the new owner of the annual inspection or to remain as the responsible party for the inspection.

Property Improvements

A ground water use restriction, along with a deed restriction, has already been placed on the property to protect anyone from coming into contact with residual soil contamination.

Reporting

After every annual inspection, a copy of the completed form from Appendix C along with a photo taken at the time of inspection should be prepared and retained on site for future reference.

Schedule

The first inspection should occur during the year 2000. Thereafter, inspections should occur on an annual basis coinciding with the first inspection.

This maintenance plan has been written in accordance with NR 724.13.

Annual Cap Inspection Form
Stanley Oil Company (Lot 19)
Stanley, Wisconsin
WDNR BRRTS NO. 03-09-118873

Date: _____
Time: _____

Inspector's Name: _____

General cap condition:

	Yes	No
Cracks:		
Potholes:		
Other:		

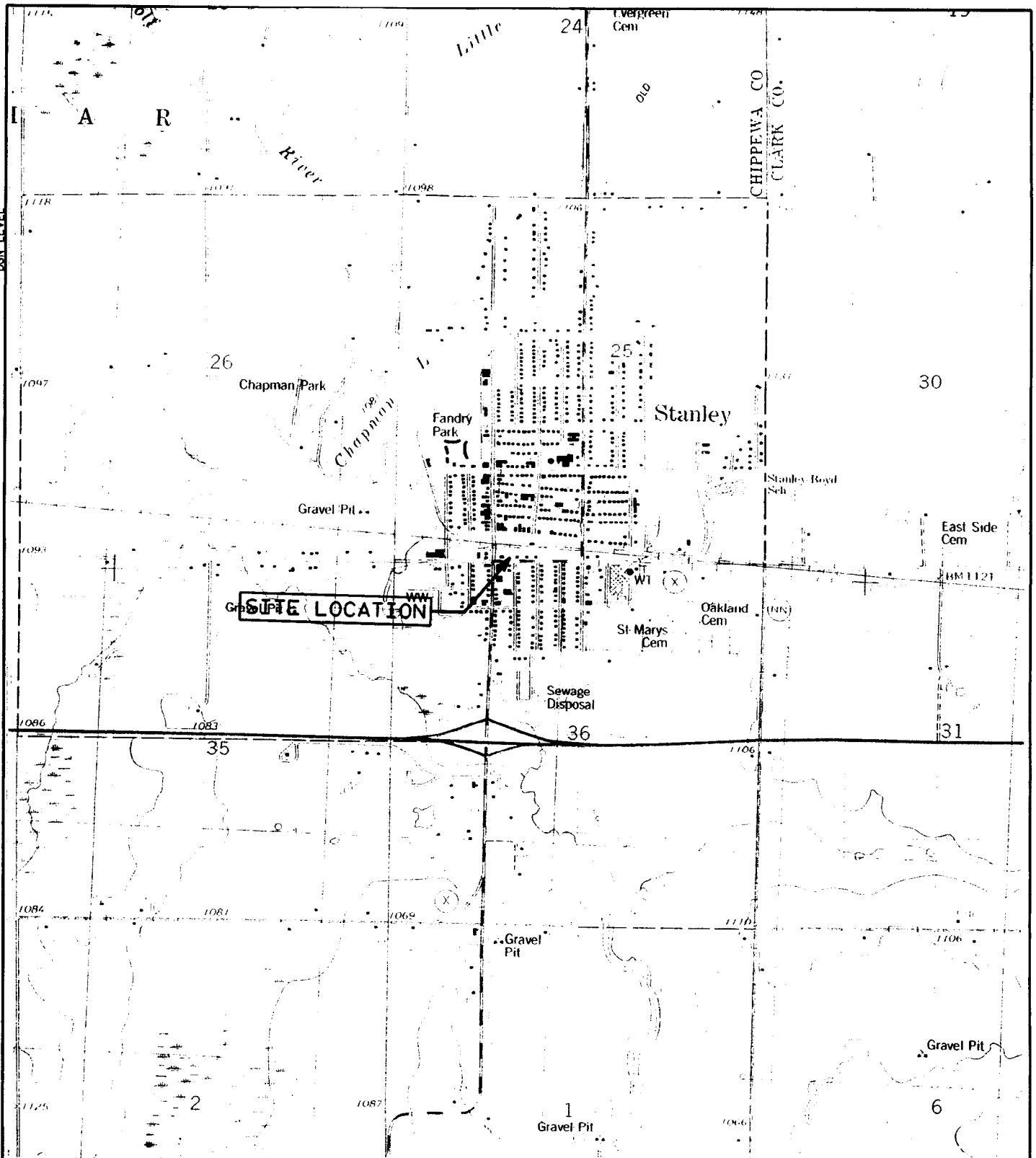
Severity and type of damage:

Has damage been repaired:

Yes	No

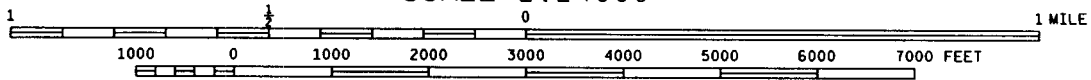
Include Photos (before and after)

SPEN3
07 OCT 1999
d:\waste\refway\100944m.dgn
DGN LEVEL



MAP SOURCE: U.S.G.S. MAP
STANLEY (1979)

SCALE 1:24000



SITE CLOSURE
STANLEY OIL (LOT 19)
BRRTS NO. 03-09-118873
STANLEY, WISCONSIN

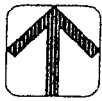
DRN. BY: MLE *MLE*
CHK. BY: CTG
DATE: OCTOBER 1999

AVRES
ASSOCIATES

LOCATION MAP

FIGURE

1



NORTH

0 20FT

SCALE

LOT 19

LOT

MW-10

EXCAVATION LIMITS
STANLEY OIL PROPERTY

SOUTH BROADWAY

TEMPORARY EXCAVATION
DEWATERING SUMPS

MW-9

AREA OF
CONCRETE CAP

ACTIVE UST'S

NOTE: THIS DRAWING WAS PREPARED
IN COLOR. REPRODUCTION BY
MEANS OTHER THAN EQUIVALENT
COLOR COPYING MAY CAUSE
SOME DATA TO BE LOST OR
MISREPRESENTED.

LEGEND:

⊙ MBC-6

EXCAVATION SOIL SAMPLE

CAP MAINTENANCE PLAN
STANLEY OIL'S LOT 19
FORMER MOBIL STATION
STANLEY, WISCONSIN

DRN. BY: JGS

CHK. BY: TAW

DATE: NOV 2000

AYRES

SITE PLAN

FIGURE

1

K:\WASTE\RTEWAY\1009440.DGN

BENCHMARK #1:
1ST & BROADWAY
TOP NUT OF HYD.
ELEVATION=1081.39

NOTE1
ALL SHADED AREAS
INDICATE REMOVED



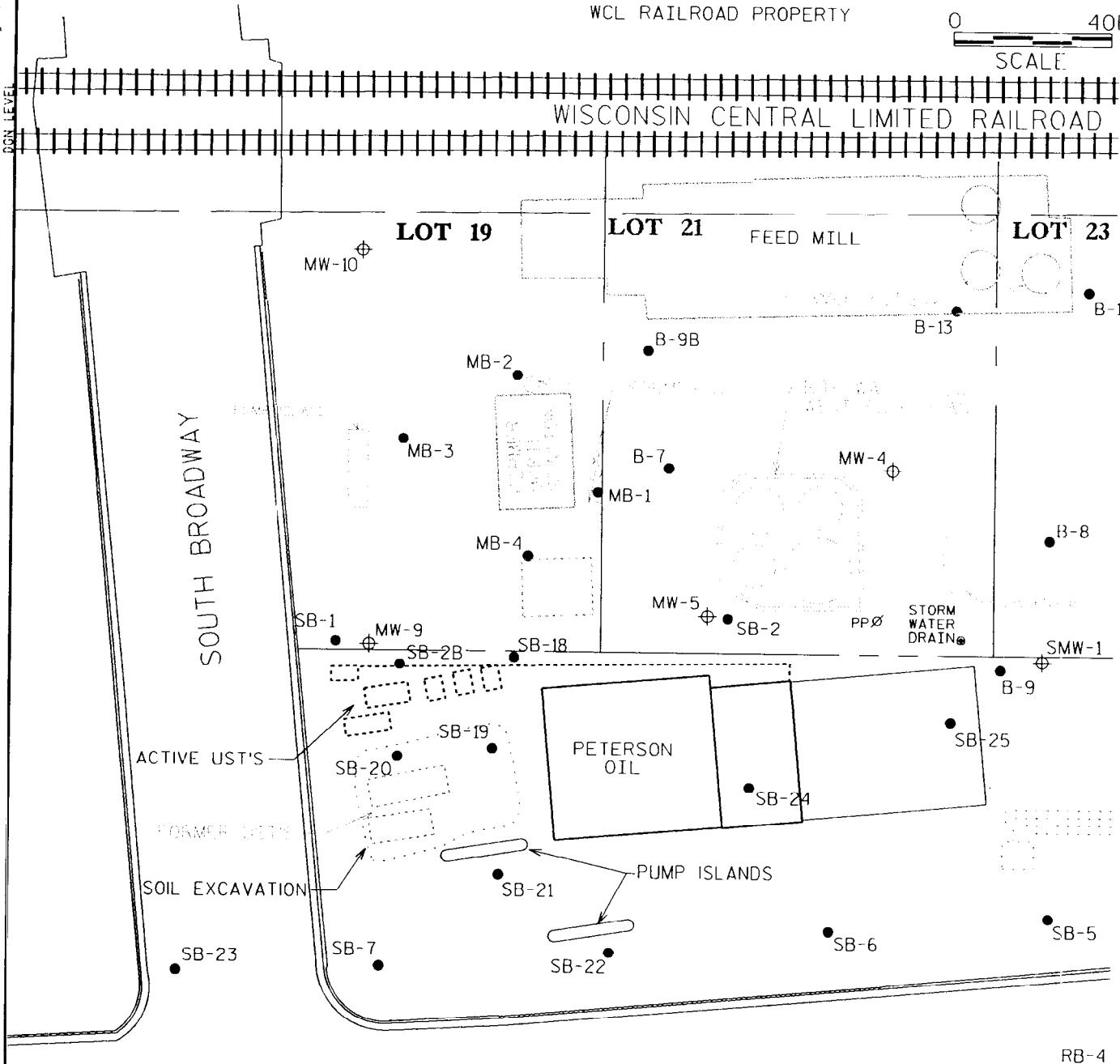
NORTH

WCL RAILROAD PROPERTY

0 40 FT
SCALE

WISCONSIN CENTRAL LIMITED RAILROAD

SPENS
08 OCT 1999
d:\waste\ref\iteway\100942s\l.dgn
PCN LEVEL



SITE CLOSURE
STANLEY OIL (LOT 19)
BRRTS NO. 03-09-118873
STANLEY, WISCONSIN

DRN. BY: MLE *MLE*

CHK. BY: CTG

DATE: OCTOBER 1999

AYRES
ASSOCIATES

PRE REMEDIAL
SOIL BORING &
MONITORING WELL
LOCATIONS

FIGURE

2

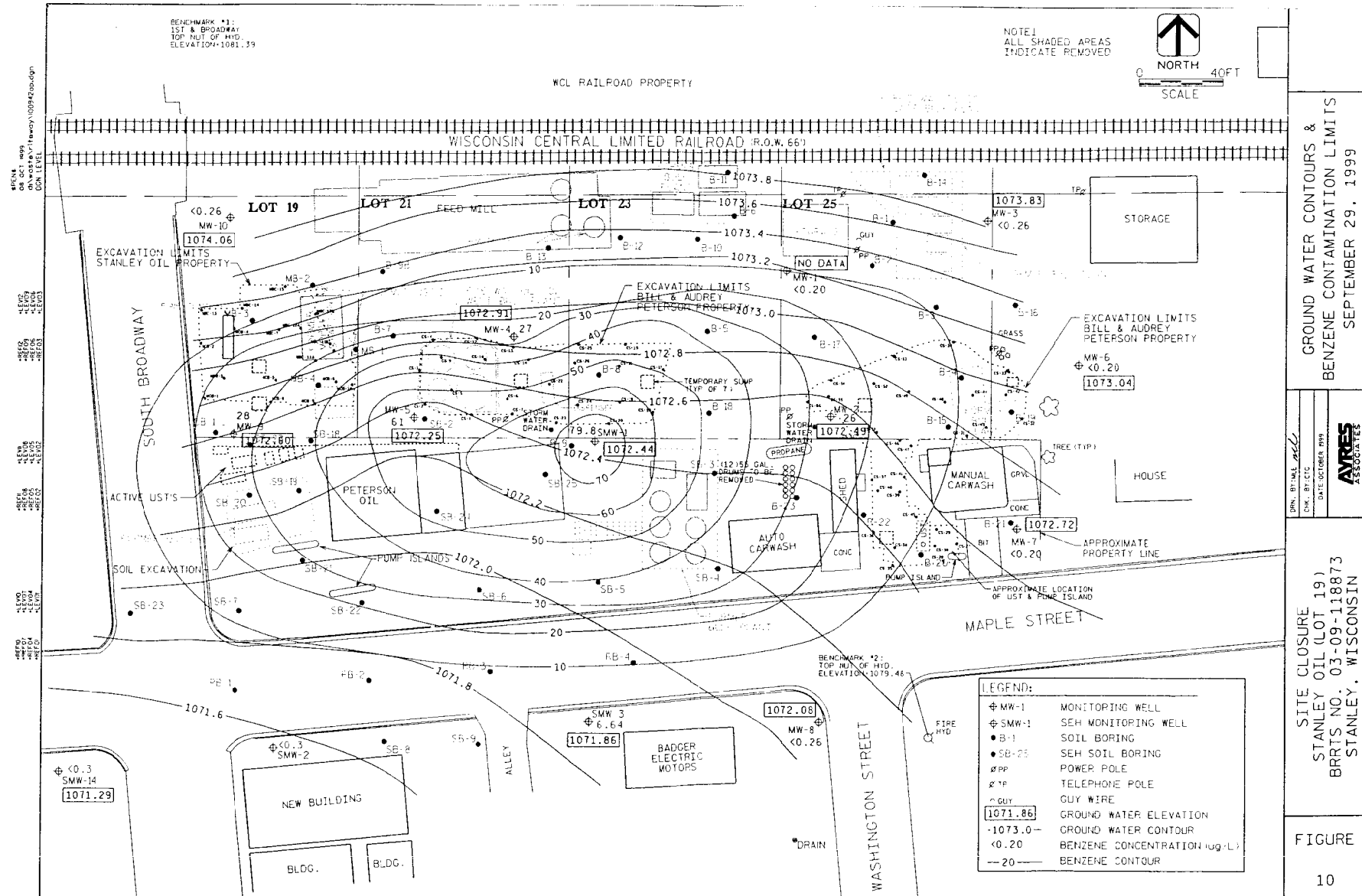


Figure 7

TABLE 3
POST REMEDIAL
IN SITU EXCAVATION BASE AND SIDEWALL SOIL SAMPLING SUMMARY
RAILROAD LOT 19--BRRTs NO. 03-09-118873

Sample	Date	Sample Location*	Sample Depth (feet)	PID Response (i.u.s.)	GRO (mg/kg)	DRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	1,2,4-Trimethyl-benzene (mg/kg)	1,3,5-Trimethyl-benzene (mg/kg)
MBC-1	9/14/98	SW	3	60	<1.3	<1.4	<0.025	<0.025	<0.025	<0.05	<0.025	<0.025	<0.025
MBC-2	9/14/98	SW	3	374	150	50	4.4	0.72	3.4	38.95	<0.25	14	5.9
MBC-3	9/14/98	B	6	68	<1.3	37	<0.025	<0.025	<0.025	<0.05	<0.025	<0.025	<0.025
MBC-4	9/14/98	B	6	249	460	1,400	12	<0.25	9.2	34.6	<0.25	36	16
MBC-5	9/15/98	B	6	93	17	40	0.73	0.16	<0.025	0.82	<0.025	0.43	0.22
MBC-6	9/15/98	B	6	47	<1.3	12	<0.025	<0.025	<0.025	0.45	<0.025	<0.025	<0.025
MBC-7	9/15/98	B	7	15	1	29	<0.025	<0.025	<0.025	0.078	<0.025	<0.025	<0.025
MBC-8	9/15/98	SW	3	20	51	15	4.7	2.4	3.6	13.8	<0.25	3.6	3.2
MBC-9	9/15/98	SW	3	87	2,000	5,200	<2.5	3.7	7.5	30.8	<2.5	45	31
MBC-10	9/15/98	SW	3	160	180	1,000	<0.25	<0.25	1.3	5	<0.25	8.7	3.2
MBC-11B	9/15/98	SW	3	121	670	1,500	1.7	0.61	3.2	12.6	<0.25	24	11
MBC-12B	9/15/98	SW	3	108	17	11	0.068	0.04	0.15	0.71	<0.025	0.94	0.54
MBC-13	9/16/98	SW	3	NR	<1.3	3	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
MBC-14	9/16/98	SW	3	78	120	160	0.23	0.45	1	5.8	0.066	4.6	2.9
MBC-15	9/16/98	SW	3	12.5	7	180	0.037	0.045	<0.025	0.101	<0.025	0.11	0.099
NR 720.09 Soil Cleanup Standard					100	100	0.0055	1.5	2.9	4.1	NS	NS	NS

B = Base of excavation sample, SW = Sidewall sample

i.u.s. = Instrument units

mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)

MTBE = Methyl-tert-butyl ether

(a) = See laboratory analytical report in Appendix C for footnote

 = Exceeds NR 720 Soil Cleanup Standard

< = Less than the detection limit shown

NS = No standard

*Comm 46
D. Contact*

1.1

670

900

970

TABLE 1 (Cont.)
PRE-REMEDIAL ACTION
SOIL BORING ANALYTICAL RESULTS
RAILROAD LOT 19 BRRTS No. 03-09-118873

LOCATION	DATE	SAMPLE NO.	DEPTH (feet)	F.I.D. Field/Filter (i.u.s)	GRO mg/kg	DRO mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Total Xylenes mg/kg	1,2 Dichloro-ethane mg/kg	MTBE mg/kg	1,2,4 Trimethyl-benzene mg/kg	1,3,5 Trimethyl-benzene mg/kg	Naphthalene mg/kg	Total Lead mg/kg	
MB-4	4/30/98	S-1	0.0 - 2.0	1646 / 84	-	-	-	-	-	-	-	-	-	-	-	-	
		S-2	2.0 - 4.0	2807 / 105	920	1,500	3.2	5	6.1	33	<2.5	<2.5	35	16	25	25	
		S-3	4.0 - 6.0	775 / 10	-	-	-	-	-	-	-	-	-	-	-	-	
		S-4	6.0 - 8.0	931 / 260	-	-	-	-	-	-	-	-	-	-	-	-	
		S-5	8.0 - 10.0	4062 / >1000	-	-	-	-	-	-	-	-	-	-	-	-	
		S-6	10.0 - 12.0	2621 / 600	-	-	-	-	-	-	-	-	-	-	-	-	
		S-7	12.0 - 14.0	600 / 120	<1.3	<2.6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	10.7
B-9B	4/30/98	S-1	0.0 - 2.0	No recovery	-	-	-	-	-	-	-	-	-	-	-	-	
		S-2	2.0 - 4.0	973 / 38	160	19	1.4	1.3	<0.25	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	44.5
		S-3	4.0 - 6.0	704 / 760	150	1,500	<1.0	<1.0	<1.0	7.2	<1.0	<1.0	11	6	9.1	44.7	
		S-4	6.0 - 8.0	4970 / 840	-	-	-	-	-	-	-	-	-	-	-	-	
		S-5	8.0 - 10.0	4546 / 310	-	-	-	-	-	-	-	-	-	-	-	-	
		S-6	10.0 - 12.0	2856 / 900	-	-	-	-	-	-	-	-	-	-	-	-	
		S-7	12.0 - 14.0	260 / 150													
MW-9	5/4/98	S-1	2.0 - 4.0	833	<1.3	10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	85.2	
		S-2	4.0 - 6.0	942	-	-	-	-	-	-	-	-	-	-	-	-	
		S-3	6.0 - 8.0	514	-	-	-	-	-	-	-	-	-	-	-	-	
		S-4	8.0 - 10.0	766	27	2.3	0.38	0.086	2.1	9.67	<0.025	<0.025	1.4	0.52	0.19	8.93	
		S-5	10.0 - 12.0	171	-	-	-	-	-	-	-	-	-	-	-	-	
MW-10	5/4/98	S-1	2.0 - 4.0	No recovery	Soil boring was comprised of all sawdust. Methane gas interferred with field screening. No soil samples were analyzed.												
		S-2	4.0 - 6.0	454 / 280	-	-	-	-	-	-	-	-	-	-	-	-	
		S-3	6.0 - 8.0	980 / 600	-	-	-	-	-	-	-	-	-	-	-	-	
		S-4	8.0 - 10.0	1041 / 670	-	-	-	-	-	-	-	-	-	-	-	-	
		S-5	10.0 - 12.0	136 / 68	-	-	-	-	-	-	-	-	-	-	-	-	
NR 720 SOIL CLEANUP STANDARD					100	100	0.0055	1.5	2.9	4.1	0.0049	NS	NS	NS	NS	50	

5.1 = Exceeds Wisconsin Administrative Code NR 720 Soil Cleanup Standards

- = Dash in box indicates sample not analyzed

NS = No Standard

i.u. = Instrument units

< = Not detected above method detection limit (MDL)

GRO = Gasoline range organics

DRO = Diesel range organics

NR = No response

mg/Kg = Milligrams per kilogram, equivalent to parts-per-million (ppm)

FID = Flame ionization detector

TABLE 2
PRE-REMEDIAL
SOIL SAMPLE SUMMARY OF MATERIAL TRUCKED TO LANDFILL FOR DISPOSAL
RAILROAD LOT 19--BRR Ts NO. 03-09-118873

Sample	Date	Sample Location*	Sample Depth (feet)	PID Response (i.u.s.)	GRO (mg/kg)	DRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	1,2,4-Trimethyl-benzene (mg/kg)	1,3,5-Trimethyl-benzene (mg/kg)
STANLEY OIL, LOT 19, FORMER MOBIL STATION EXCAVATION													
MBC-11A	9/15/98	Excavation	-	375	3,100	1,300	<2.5	24	17	82	<2.5	92	57
MBC-12B	9/15/98	Excavation	-	246	790	1,800	12	0.86	1.6	4.6	<0.5	12	12
TL#4	9/14/98	Excavation	-	193	5,300	2,200	12	200	160	720	7.3	340	130
TL#21	9/15/98	Excavation	-	424	1,700	1,700	2.2	28	33	174	1.8	120	39
TL#31	9/15/98	Excavation	-	350	640	330	1.9	1.3	5.4	18	<0.5	15	9.8
NR 720.09 Soil Cleanup Standard					100	100	0.0055	1.5	2.9	4.1	NS	NS	NS

Excavation = Representative quality of soils excavated and trucked for disposal.

i.u.s. = Instrument units

mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)

MTBE = Methyl-tert-butyl ether

(a) = See laboratory analytical report in Appendix C for footnote

 = Exceeds NR 720.09 Soil Cleanup Standard

< = Less than the detection limit shown

NS = No standard

TABLE 4
GROUND WATER ANALYTICAL RESULTS SUMMARY
RAILROAD LOT 19--BRRTs No. 03-09-118873

WELL ID. NO.	SAMPLE DATE	GRO (ug/l)	DRO (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	1,2,4- Trimethylbenzene (ug/L)	1,3,5- Trimethylbenzene (ug/L)	Naphthalene (ug/L)	1, 2- Dichloroethane (ug/L)	Total Lead (ug/L)	Tetrachloroethene (ug/L)
MW-9	05/20/98	540	290	30	2.0	44	222.5	<1.0	30	9	11.0	<1.0	-	<3.0
	06/30/98	330	80	18	2.2	35	111.2	1.1	21.0	7.0	10.0	-	<1	-
	01/21/99	1300	310	55	6.0	120	275	5.5	130	32	-	-	-	-
	04/08/99	530	530	31	1.5	54	68	1.7	39	5.7	-	-	-	-
	07/20/99	750	830	44	3.2	80	152	5.1	65	10	-	-	-	-
	09/29/99	860	640	28	3.1	67	169	<0.22	89	14	-	-	-	-
MW-10	05/20/98	<30	94	<0.30	<0.20	<0.20	<0.80	<0.20	<0.60	<0.30	<1.1	<0.20	-	<0.60
	06/30/98	<30	<27	<0.20	<0.20	<0.30	<0.90	<0.20	<0.30	<0.30	-	-	<1	-
	01/21/99	<30	27	<0.20	<0.20	<0.30	<0.90	<0.20	<0.30	<0.30	-	-	-	-
	04/08/99	<50	<100	<0.26	<0.21	<0.24	<1.34	<0.22	<0.86	<0.54	-	-	-	-
	07/20/99	<50	130	<0.26	0.23	<0.24	<1.34	<0.22	<0.86	<0.54	-	-	-	-
	09/29/99	<50	<100	<0.26	<0.21	<0.24	<1.34	<0.22	<0.86	<0.54	-	-	-	-
SMW-2	Jan-92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	1.5
	Feb-92	NA	NA	0.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	4.8
	Nov-92	NA	NA	14	4.2	25	60	4.2	11	56	6.4	BDL	NA	6.3
	Jul-93	100	BDL	2.1	BDL	BDL	BDL	1.5	BDL	BDL	NA	NA	NA	NA
	Oct-93	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA
	Dec-94	BDL	264	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Apr-95	BDL	395	18	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Jul-95	BDL	354	3.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	3.09
	Jul-98	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Aug-99	NA	NA	<0.3	<0.4	<0.5	<0.35	<0.3	<0.15	<0.15	<0.8	NA	NA	NA
SMW-14	Jul-93	BDL	150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Oct-93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Jul-95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	1.88
	Jul-98	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA
	Aug-99	NA	NA	<0.3	<0.4	<0.5	<0.35	<0.3	<0.15	<0.15	NA	NA	NA	NA
NR 140 ES / PAL		No standard		5 / .05	343/68.6	700/140	620/140	60 / 12	480 / 96 combined		40/8	5 / .05	15/1.5	5 / .05

ug/L = Micrograms per Liter or parts per billion

ES/PAL = Enforcement Standard / Preventative Action Limit

NA or "-" = not analyzed

30 Shading indicates that the Enforcement Standard has been exceeded.

30 Bold type indicates that the Preventative Action Limit has been exceeded.

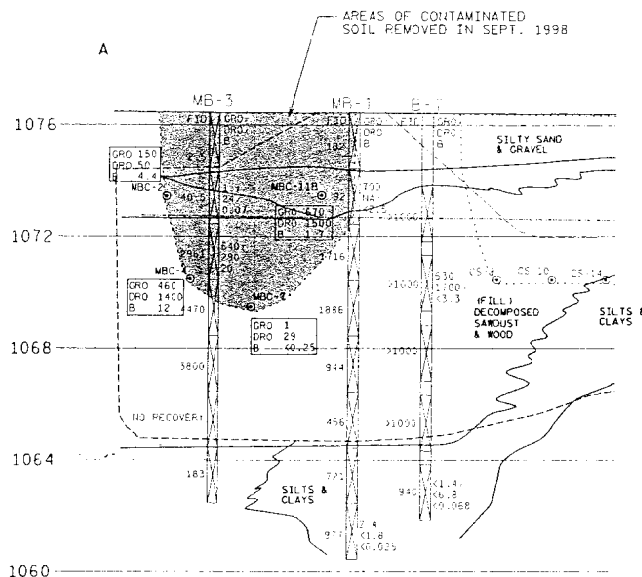
REF: 890
ON VISA CITYWAY 10042.290
DON LEVEL

REF: 890
ON VISA CITYWAY 10042.290
DON LEVEL

REF: 890
ON VISA CITYWAY 10042.290
DON LEVEL

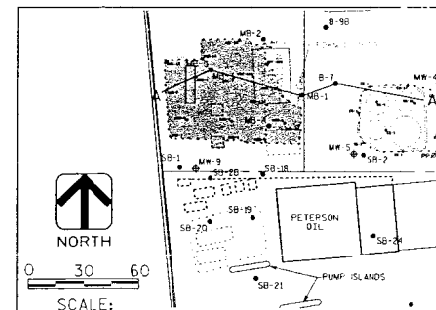
REF: 890
ON VISA CITYWAY 10042.290
DON LEVEL

ELEVATION (FEET)



LEGEND:	
FID	FLAME IONIZATION DETECTOR (I.U.)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
DRO	DIESEL RANGE ORGANICS (mg/kg)
B	BENZENE (mg/kg)
⊙ MB-4	CONFIRMATION SAMPLE

SCALE:
1"=40' HORIZ.
1"=4' VERT.



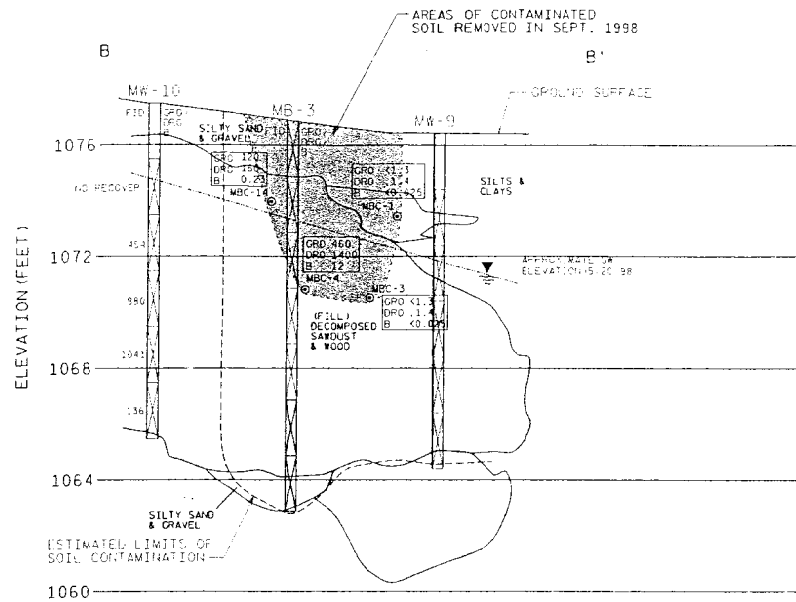
POST REMEDIAL
CROSS SECTION A-A'

DATE: OCTOBER 1999
BY: CTD
AVRES ASSOCIATES

SITE CLOSURE
STANLEY OIL (LOT 19)
BRRTS NO. 03-09-118873
STANLEY, WISCONSIN

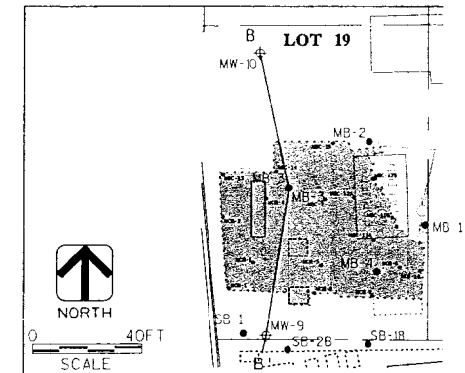
FIGURE

8



LEGEND:	
FID	FLAME IONIZATION DETECTOR (I.U.)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
DRO	DIESEL RANGE ORGANICS (mg/kg)
B	BENZENE (mg/kg)
⊙ MBC-4	CONFIRMATION SAMPLE

SCALE:
1"=40' HORIZ.
1"=4' VERT.



REMEDIAL ACTION
STANLEY OIL (LOT 19)
BILL & AUDREY PETERSON
(LOTS 21, 23 & 25)
STANLEY, WISCONSIN

FIGURE

9

POST REMEDIAL
CROSS SECTION B-B'

DRN. BY: MLE mcl

CHK. BY: CTC

DATE: OCTOBER 1999

AYRES
ASSOCIATES